

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10670779 on May 04, 2006

8	714/752	(6 OR, 2 XR)
	Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
	714/699	PULSE OR DATA ERROR HANDLING
	714/746	.Digital data error correction
	714/752	..Forward correction by block code
6	714/755	(4 OR, 2 XR)
	Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
	714/699	PULSE OR DATA ERROR HANDLING
	714/746	.Digital data error correction
	714/752	..Forward correction by block code
	714/755	...Double encoding codes (e.g., product, concatenated)
6	714/781	(5 OR, 1 XR)
	Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
	714/699	PULSE OR DATA ERROR HANDLING
	714/746	.Digital data error correction
	714/752	..Forward correction by block code
	714/781	...Code based on generator polynomial
5	714/785	(4 OR, 1 XR)
	Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
	714/699	PULSE OR DATA ERROR HANDLING
	714/746	.Digital data error correction
	714/752	..Forward correction by block code
	714/781	...Code based on generator polynomial
	714/785	....Syndrome computed
4	714/757	(3 OR, 1 XR)
	Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
	714/699	PULSE OR DATA ERROR HANDLING
	714/746	.Digital data error correction
	714/752	..Forward correction by block code
	714/757	...Parallel generation of check bits
4	714/758	(1 OR, 3 XR)
	Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
	714/699	PULSE OR DATA ERROR HANDLING
	714/746	.Digital data error correction
	714/752	..Forward correction by block code
	714/758	...Error correcting code with additional error detection code (e.g., cyclic redundancy character, parity)
4	714/761	(0 OR, 4 XR)
	Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
	714/699	PULSE OR DATA ERROR HANDLING
	714/746	.Digital data error correction
	714/752	..Forward correction by block code
	714/761	...Random and burst error correction

- 4 714/777 (0 OR, 4 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/777 ...Hamming code
- 4 714/780 (1 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/780 ...Using symbol reliability information (e.g.,  
 soft decision)
- 4 714/794 (1 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/786 ..Forward error correction by tree code (e.g.,  
 convolutional)  
 714/794 ...Maximum likelihood
- 4 714/800 (1 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/799 .Error/fault detection technique  
 714/800 ..Parity bit
- 3 375/259 (1 OR, 2 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
- 3 714/762 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/762 ...Burst error correction
- 3 714/792 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/786 ..Forward error correction by tree code (e.g.,  
 convolutional)  
 714/792 ...Trellis code
- 3 714/801 (2 OR, 1 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/799 .Error/fault detection technique  
 714/800 ..Parity bit  
 714/801 ...Parity generator or checker circuit detail

- 3 714/804 (1 OR, 2 XR)  
     Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
     714/699 PULSE OR DATA ERROR HANDLING  
     714/799 .Error/fault detection technique  
     714/800 ..Parity bit  
     714/804 ...Plural dimension parity check
- 2 341/107 (1 OR, 1 XR)  
     Class 341 : CODED DATA GENERATION OR CONVERSION  
     341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS  
     341/107 .To or from code based on probability
- 2 341/200 (0 OR, 2 XR)  
     Class 341 : CODED DATA GENERATION OR CONVERSION  
     341/200 QUANTIZER
- 2 341/50 (1 OR, 1 XR)  
     Class 341 : CODED DATA GENERATION OR CONVERSION  
     341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
- 2 375/222 (2 OR, 0 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/219 TRANSCEIVERS  
     375/222 .Modems (data sets)
- 2 375/262 (0 OR, 2 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT  
     375/260 .Plural channels for transmission of a single  
                   pulse train  
     375/261 ..Quadrature amplitude modulation  
     375/262 ...Maximum likelihood decoder or viterbi  
                   decoder
- 2 375/265 (0 OR, 2 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT  
     375/260 .Plural channels for transmission of a single  
                   pulse train  
     375/261 ..Quadrature amplitude modulation  
     375/265 ...Trellis encoder or Trellis decoder
- 2 375/341 (1 OR, 1 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/316 RECEIVERS  
     375/340 .Particular pulse demodulator or detector  
     375/341 ..Maximum likelihood decoder or viterbi decoder
- 2 714/701 (1 OR, 1 XR)  
     Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
     714/699 PULSE OR DATA ERROR HANDLING  
     714/701 .Data formatting to improve error detection  
                   correction capability
- 2 714/751 (0 OR, 2 XR)  
     Class 714 : ERROR DETECTION/CORRECTION AND FAULT

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714/699 DETECTION/RECOVERY  
 714/746 PULSE OR DATA ERROR HANDLING  
 714/748 .Digital data error correction  
 714/751 ..Request for retransmission  
 ...Including forward error correction  
 capability

- 2 714/759 (1 OR, 1 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/759 ...Look-up table encoding or decoding
- 2 714/763 (0 OR, 2 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/763 ...Memory access
- 2 714/783 (1 OR, 1 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/781 ...Code based on generator polynomial  
 714/783 ....Golay code
- 2 714/795 (0 OR, 2 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/786 ..Forward error correction by tree code (e.g.,  
 convolutional)  
 714/795 ...Viterbi decoding